

## Flexible endoscopes MTFS

Probe outer diameter 0.5 mm to 2.5 mm



### Application:

For visual inspection of hard-to-reach areas, such as curved components with narrow radii. Particularly suitable for inspecting miniature components and channels in the field of micro-electronics, precision engineering.

### Execution:

- Probe outer diameter 0.5 mm to 2.5 mm
- Working lengths from 500 mm to 15000 mm
- Resolution up to 30,000 pixels
- Flexible probe with rigid probe head
- Remote focusing ring for diopter adjustment
- Separate or fixed 1500 mm length light guides for external light sources.
- IP65 protection class
- Optional 90° mirror head from 1.0 mm probe diameter on request
- Adaptable to camera systems

### Advantage:

- For inspections in the smallest components and channels
- Flexible, robust in use due to high breaking resistance
- Repairable quartz-fibre bundle



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|--------------------------------------|------------------|
| <b>Art. no.</b>                      | <b>41452 058</b> |
| <b>Brand</b>                         | MICRO-EPSILON    |
| <b>Manufacturer Part Number</b>      | 20561981         |
| <b>Model</b>                         | MTFS             |
| <b>Model variant</b>                 | MTFS 250         |
| <b>Probe diameter</b>                | 2.5 mm           |
| <b>Effective length of endoscope</b> | 10000 mm         |
| <b>Max. length of rigid part</b>     | 12 mm            |
| <b>Min. bending radius</b>           | 80 mm            |
| <b>Resolution (pixels)</b>           | 30000 pix        |
| <b>Line of sight</b>                 | 0 Degree         |
| <b>Opening angle</b>                 | 70 Degree        |
| <b>Diopter compensation</b>          | Adjustable       |
| <b>Max. temperature resistance</b>   | 60 °C            |
| <b>Gross Weight</b>                  | 2.200 kg         |
| <b>Product Group</b>                 | 4EA              |